

Please type a plus sign (+) inside this box

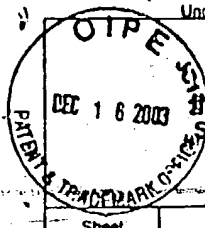


PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



Substitute for Form 1448A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/995,053
Filing Date	November 27, 2001
First Named Inventor	Nakakado et al.
Group Art Unit	1733
Examiner Name	Jeff H. Aftergut
Attorney Docket No.	ZUIP102US

Sheet	1	of	1
-------	---	----	---

U.S. PATENT DOCUMENTS

Exam. Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
JH	AA	4,506,779		Seragnoli	03/26/1985	Entire Document
	AB	4,610,751		Eschler	09/09/1986	Entire Document
	AC	4,880,102		Indrebo	11/14/1989	Entire Document
	AD	5,025,910		Lesure et al.	06/25/1991	Entire Document
	AF	5,660,657		Rajala et al.	08/26/1997	Entire Document
JH	AG	6,022,443		Rajala et al.	02/08/2000	Entire Document

FOREIGN PATENT DOCUMENTS

Exam. Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Office ⁴	Number ⁴	Kind Code ² (if known)				
	BA							
	BB							
	BF							
	BG							

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Exam. Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published.	T ³
	CA		
	CB		
	CC		
	CD		
	CE		
	CF		
	CG		
	CH		

Examiner Signature	<i>J H Aftergut</i>	Date Considered	4-12-04
--------------------	---------------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

US and Foreign Patent Documents: ¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

Other Prior Art/Non-Patent Literature Documents: ¹Unique citation designation number. ²Applicant is to place a check mark here if English Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

12/17/2003 BSAYAS11 00000040 09995053

01 FC:1806

180.00 OP